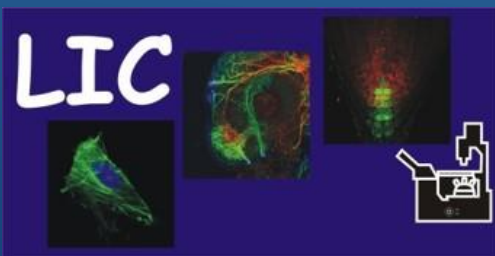


Turn on Tutorial

Nikon-A1-FLIM

Signalhouse - basement room -01.026

Life Imaging Center



How to Start – Nikon-A1-FLIM

Start System – Follow the order of numbers carefully

- **1** to **7** for confocal use
- additional **8** to **10** for FLIM/FCS with PicoQuant

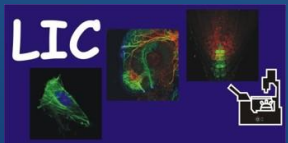
1 - Mainswitch - multiple socket



How to Start – Nikon-A1-FLIM

Follow the instructions carefully

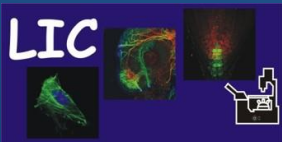
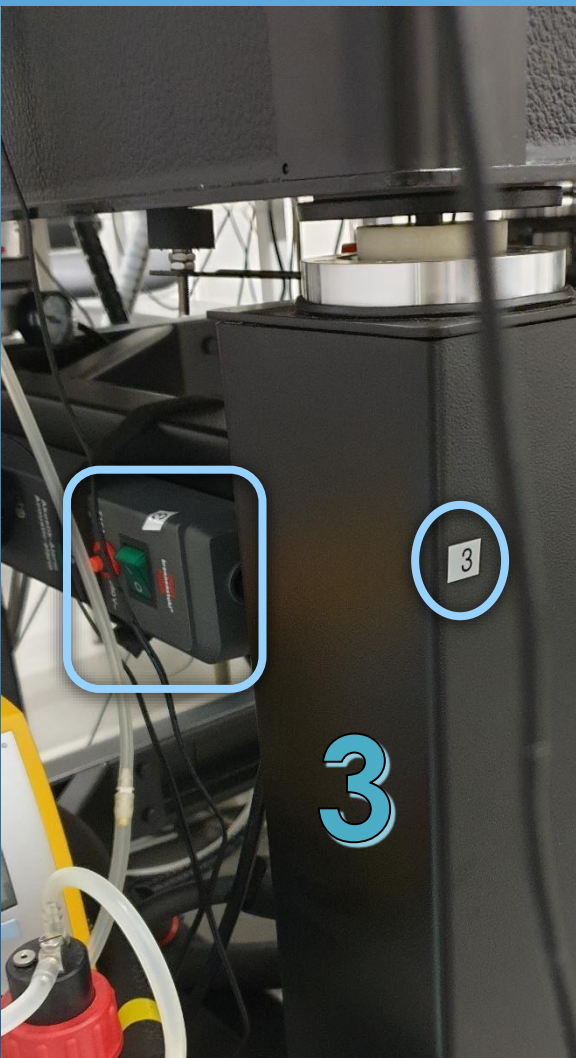
2 - Intensilight - Epi-fluorescence Light Source



How to Start – Nikon-A1-FLIM

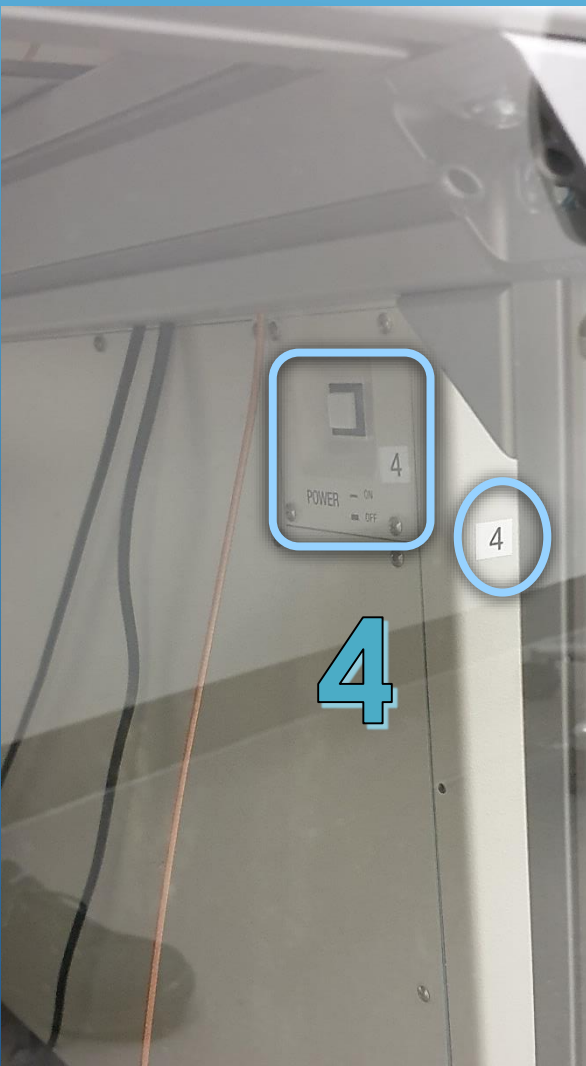
Follow the instructions carefully

3 - Multiple socket left below the microscope table

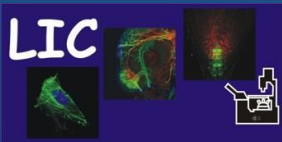


How to Start – Nikon-A1-FLIM

Follow the instructions carefully



4 - Nikon Laser Control Tower - on the right side in the large glass cabinet



How to Start – Nikon-A1-FLIM

Follow the instructions carefully

5 - Nikon Computer

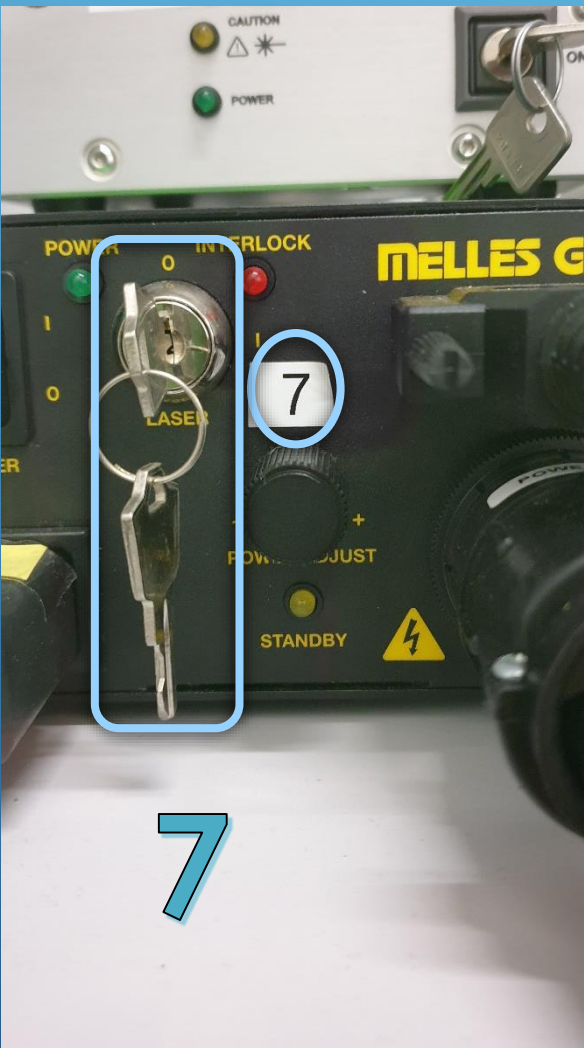
6 - PicoQuant Computer



How to Start – Nikon-A1-FLIM

Follow the instructions carefully

7 - Argon Laser - turn Power Key



How to Start – Nikon-A1-FLIM

Follow the instructions carefully

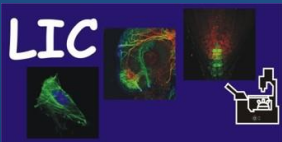
8 - Multiple socket switch for PicoQuant Hardware



How to Start – Nikon-A1-FLIM

Follow the instructions carefully

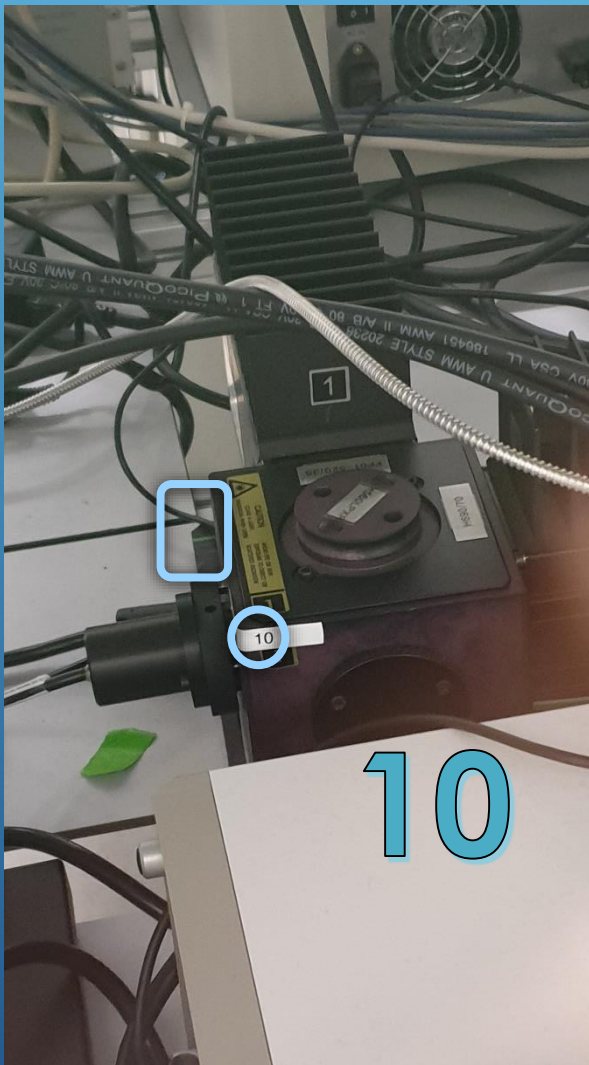
9 - PicoQuant Controller



How to Start – Nikon-A1-FLIM

Follow the instructions carefully

10 - PicoQuant Detector Unit with Filtercube



How to Start – Nikon-A1-FLIM

Follow the instructions carefully

For only confocal use (1-7)

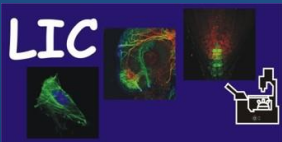
1. Start on Nikon Computer **NIS Elements**

For FLIM/FCS (additional 8-10)

1. Start on PicoQuant System **SymphoTime**

2. Start on Nikon Computer **NIS Elements**

Software



How to Turn OFF – Nikon-A1-FLIM

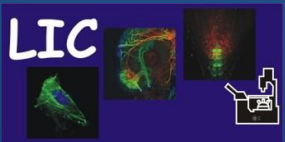
- Close **software**
- Shut down **Computer**
- Now **Turn OFF in reverse number order** (be careful)

* **First turn off** - #**10** Detector unit, then

* # **09** > # **08**

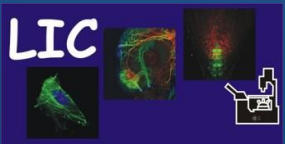
* # **07** switch Argon Laser Key to Position 0
wait here 5-10 min to cool down, then

* # **06** > # **01**



Further information

Do not touch this keys!



Further information

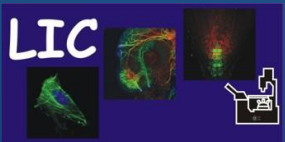
Do not use this switch modul for the beam path. It must be **changed via the user interface** NIS elements software (otherwise software crashes)

- E (Eyepoint)
- L (Laser scanning microscope port)



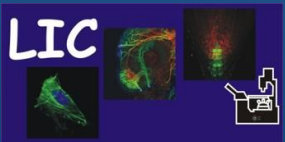
Further information

Here you can change **Speed of Z - Drive**



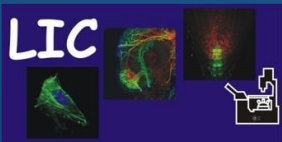
Further information

Here you can change **Speed of X-Y Stage Drive**



Further information

Manual changer for DIC and Phase contrast



Further information

- **Immersion media** for objectives and
- 100 % ETOH for cleaning the objectives

